

APPENDIX G

STATIONARY AGRICULTURAL IRRIGATION PUMPS PROJECT APPLICATION

**Carl Moyer Memorial Air Standards Attainment Program
STATIONARY AGRICULTURAL ENGINE
APPLICATION**

This application is to be used for incentive funds for stationary agricultural engine repowers, engine replacements with electric motors, and/or engine retrofit projects.

Please provide the following information regarding your proposed purchase and application. Additional information may be requested during the review process if needed. Applicant acknowledges that award of cash incentive is conditional upon approval of the District and must meet the minimum eligibility criteria.

Within ten working days of submission, you will either be notified that your application is complete, or provided with a list of deficiencies. Completed applications fulfilling the criteria will be approved within 60 working days of receipt. If you have any questions regarding the application process, please contact:

*District Incentive Program Contact
Contact Phone Number*

✓ CHECK LIST FOR APPLICATION ITEMS ✓

Be sure the following items are included with your application submittal. Check each applicable box below to indicate inclusion of material.

- ☐ Completed General Information
- ☐ Completed Engine Repower or Retrofit Information
- ☐ Completed Electric Motor Replacement Information
- ☐ Co-funding Information (if applicable)
- ☐ Other _____

✓ CHECK LIST FOR ELIGIBILITY CRITERIA ✓

Please check each applicable box to indicate eligibility of proposed stationary agricultural engine technology.

- ☐ The stationary agricultural engine is 50 horsepower or greater.
- ☐ The engine/technology is eligible for program funding.

Check applicable categories below:

The reduced-emission engine/technology:

- ☐ is certified for sale in California;

and

- ☐ meets the minimum NOx emission reduction requirement, with no increase in particulate matter emissions, compared to the applicable standards or emission levels for that engine year and type of application through:
 - ☐ California Air Resources Board (ARB) certification testing,
 - ☐ U.S. EPA certification testing, or
 - ☐ Emission testing at a laboratory approved by the U.S. EPA or the ARB;

and

- ☐ for pre-1996 model year engines, meets the qualifying NOx level of 6.9 g/bhp-hr,
 - ☐ for 1996-2000 model year engines, meets the qualifying NOx level of:
 - ☐ 4.5 g/bhp-hr for engines of 50-750 horsepower, or
 - ☐ 15 percent of the uncontrolled NOx baseline emissions for engines greater than 750 horsepower,
 - ☐ for 2000+ model year engines, meets the qualifying NOx level of 4.5 g/bhp-hr, or
 - ☐ for 2001+ model year engines, meets the qualifying NOx level of 4.0 g/bhp-hr.
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- ☐ The retrofit technology is warranted by retrofit manufacturer and/or authorized dealer.
 - ☐ The purchase is not required by any local, state, or federal rule or regulation, or used to comply with any such rule or regulation.
 - ☐ The purchase is not required by any local, state, or federal Memorandum of Understanding (MOU) or Memorandum of Agreement (MOA).
 - ☐ The amount of emission reduction is not required by any local, state, or federal MOU.

STATIONARY AGRICULTURAL ENGINE APPLICATION
Please Print or Type All Information on This and Any Attached Applications.

APPLICANT INFORMATION:		
Organization/Company Name:		
Business Type:		
Project Name:		
Street/Mailing Address:		
City:	State:	Zip Code:
Contact Name:		
Phone: ()	Fax: ()	
E-mail:		
Number of Stationary Agricultural Engines:		
Number of Stationary Agricultural Engines to be Replaced/Retrofitted:		

I hereby certify that all information provided in this application and any attachments are true and correct.

Printed Name of Responsible Party:	Title:
Signature of Responsible Party:	Date:

STATIONARY AGRICULTURAL ENGINE APPLICATION **Engine Repower or Retrofit Information**

For each engine that you plan to repower/retrofit, complete and attach one copy of the appropriate form.

1. Company Name:
2. Please Check One: <input type="checkbox"/> Repowering a stationary agricultural engine with a new reduced-emission engine <input type="checkbox"/> Retrofitting a stationary agricultural engine with a new reduced-emission technology

A. Information About New Reduced-Emission or Retrofitted Engine:		
3. Engine Type: <input type="checkbox"/> Compression Ignition <input type="checkbox"/> Spark Ignition		
4. Engine Manufacturer:		
5. Engine Model:	6. Engine Series:	7. Engine Serial Number:
8. Manufacturer's Maximum Rated Brake Horsepower Rating:		9. Year of Manufacturer:
10. Primary Fuel: <input type="checkbox"/> Diesel <input type="checkbox"/> Natural Gas <input type="checkbox"/> Other If "Other," specify fuel:		
11. Estimated Total Annual Hours of Operation:		12. Estimated Engine Operating Load:
13. Estimated Annual Fuel Consumption (include units):		
14. Primary Function of Engine (e.g., irrigation pump):		
15. Is there any seasonality to the use of the engine? <u>YES/NO</u> If Yes, please explain:		
16. Estimated Engine Life:		17. Estimated Rebuild/Replacement Schedule:
18. Cost of Rebuilding/Replacing Engine: \$		19. Cost of Rebuilding/Replacing Engine with Low Emission Technology: \$
20. Certified NOx Emission Standard:		21. Certified PM Emission Standard: 22.
22. Indicate certified engine United State Environmental Protection Agency Standardized Engine Family Name:		
23. Indicate the method of recordkeeping that will be used: <input type="checkbox"/> Annual fuel use records <input type="checkbox"/> Annual records of hours of operation as verified by non-resettable hour meter installed on the engine		

STATIONARY AGRICULTURAL ENGINE APPLICATION
Engine Repower or Retrofit Information (*continued*)

B. Information About Existing Engine to be Repowered or Retrofitted:			
1. Engine Type: <input type="checkbox"/> Compression Ignition <input type="checkbox"/> Spark Ignition			
2. Engine Manufacturer:			
3. Engine Model:	4. Engine Series:	5. Engine Serial Number:	
6. Manufacturer's Maximum Rated Brake Horsepower Rating:		7. Year of Manufacturer:	
8. Primary Fuel: <input type="checkbox"/> Diesel <input type="checkbox"/> Natural Gas <input type="checkbox"/> Other If "Other," specify fuel:			
9. Average Engine Life:		10. Typical Rebuild/Replacement Schedule:	
11. Cost of Rebuilding/Replacing Engine: \$		12. Cost of Rebuilding/Replacing Engine with Low Emission Technology: \$	
13. Baseline NOx Emission Standard:		14. Baseline PM Emission Standard:	
15. Indicate certified engine United State Environmental Protection Agency or Air Resources Board Standardized Engine Family Name (if applicable):			

C. General Information About the Installer:			
Please complete the information below for engine repower (replacement)			
1. Engine Installer:			
2. Street Address:			
City	State:	Zip Code:	
3. Contact Name:			
Phone: ()		Fax: ()	

Please complete the information below for engine retrofit		
4. Retrofit Manufacturer:		
5. Retrofit Installer:		
6. Installer Street Address:		
City	State:	Zip Code:
7. Contact Name:		
Phone: ()	Fax: ()	
8. Retrofit Kit Number:		
9. Description of Retrofit Technology:		

STATIONARY AGRICULTURAL ENGINE APPLICATION
Electric Motor Replacement Information

For each engine that you plan to replace, complete and attach one copy of the appropriate form.

1. Company Name:
2. Please Check One: <input type="checkbox"/> Replacing a stationary agricultural engine with an electric motor <input type="checkbox"/> Replacing an electric motor with a new electric motor

A. Information About Existing Engine to be Replaced:		
3. Engine Type:	<input type="checkbox"/> Compression Ignition	<input type="checkbox"/> Spark Ignition
4. Engine Manufacturer:		
5. Engine Model:	6. Engine Series:	7. Engine Serial Number:
8. Manufacturer's Maximum Rated Brake Horsepower Rating:		9. Year of Manufacturer:
10. Primary Fuel: <input type="checkbox"/> Diesel <input type="checkbox"/> Natural Gas <input type="checkbox"/> Other If "Other," specify fuel:		

11. Estimated Total Annual Hours of Operation:	12. Estimated Engine Operating Load:
13. Estimated Annual Fuel Consumption (include units):	
14. Primary Function of Engine (e.g., irrigation pump):	
15. Is there any seasonality to the use of the engine? <u>YES/NO</u> If Yes, please explain:	
16. Average Engine Life:	17. Typical Rebuild/Replacement Schedule:
18. Cost of Rebuilding/Replacing Engine: \$	19. Cost of Rebuilding/Replacing Engine with Low Emission Technology: \$
20. Baseline NOx Emission Standard:	21. Baseline PM Emission Standard:
22. Indicate certified engine United State Environmental Protection Agency or Air Resources Board Standardized Engine Family Name (if applicable):	

B. Information About New Electric Motor:	
1. Electric Motor Manufacturer:	
2. Electric Motor Model:	3. Electric Motor Serial Number:
4. Estimated Total Annual Hours of Operation:	
5. Estimated Annual Energy Usage (include units):	
6. Estimated Electric Motor Life:	7. Estimated Rebuild/Replacement Schedule:
8. Cost of Rebuilding/Replacing Electric Motor: \$	
9. Indicate the method of recordkeeping that will be used:	
<input type="checkbox"/> Annual power consumption records <input type="checkbox"/> Annual records of hours of operation as verified by non-resettable hour meter installed on the electric motor	

STATIONARY AGRICULTURAL ENGINE APPLICATION
Electric Motor Replacement Information (continued)

C. General Information About the Installer:		
1. Electric Motor Installer:		
2. Street Address:		
City	State:	Zip Code:
3. Contact name:		
Phone: ()	Fax: ()	